

Offshore Stats

A quarterly update of OCS-related natural gas and oil information

These statistics are preliminary and are subject to change. However, they do accurately represent OCS activity levels as of the end of the quarter.

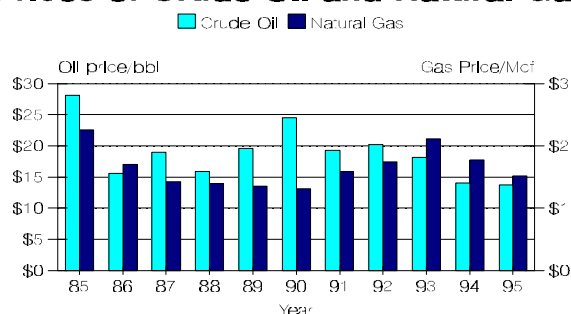
National Trends

Total petroleum imports averaged 9.2 million barrels in the fourth quarter of 1995. This was almost the same as the average a year ago. Petroleum products supplied for domestic use for the fourth quarter averaged 17.7 million barrels per day—down slightly from the rate a year ago. [*Monthly Energy Review, Dec. 1995 issue.*]

Crude oil prices for the fourth quarter of 1995 averaged as follows: West Texas Intermediate (WTI) crude averaged \$16.84 per barrel, Saudi Arabian Light (SAL) averaged \$16.02, and Alaska North Slope (ANS) averaged \$11.32. For the same period in 1994, the prices were WTI \$14.00, SAL \$16.13, and ANS \$11.20.

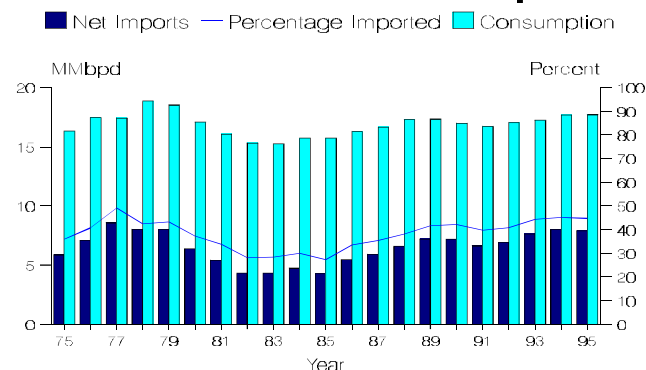
[*Prices based on quotes from the Oil & Gas Journal.*]

Prices of Crude Oil and Natural Gas



Source: Oil and Gas Journal.
Note: Price for crude oil based on West Texas Intermediate.
Price for natural gas based on State Agency average of MS, NM, OK, and TX.

U.S. Crude Oil: Consumed & Imported



Source: Monthly Energy Review, DOE/EIA

OCS Trends

End-of-year statistics for calendar year 1995 show that exploratory drilling averaged 23.2 wells per month—down from the 29.5 average of a year ago. Development drilling averaged 43.3 wells per month—up from last year's average of 41. (See graphs, p. 2.)

As of December 1995, existing leases totaled 5,225—up from the 5,148 of a year ago. Nearly one third (1,626) of these leases are producing. (See table, p. 3.)

Platform installations for the year exceeded removals by 62, with 139 platforms being installed and 77 being removed. (See graphs, p. 4.)

End-of-year statistics for calendar year 1995 showed an overall increase in OCS oil and gas production compared to the previous year. Crude oil and condensate combined production totaled 429 million barrels—up from the 372 million produced a year ago. Gas well gas and casinghead gas combined production totaled 5,262 billion cubic feet, which was also up from the 4,869 billion cubic feet produced a year ago. (See production table, p. 2.)

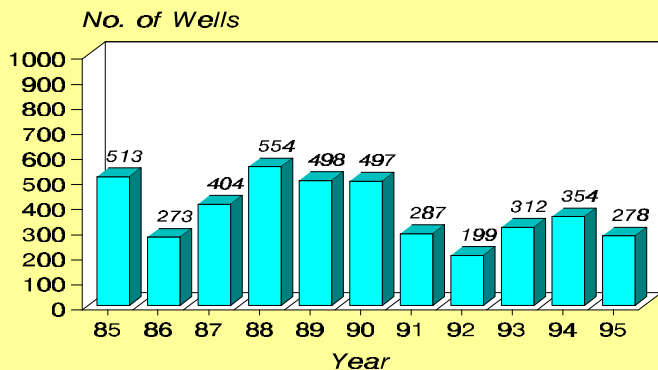
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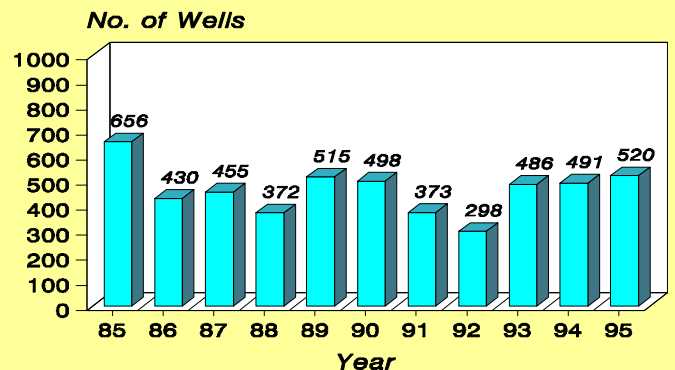
Drilling—National OCS Monthly Data

Wells Started	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total
• Exploratory:													
1995.....	24	18	16	22	24	20	43	16	19	26	16	34	278
1994.....	11	24	30	34	41	42	22	38	20	39	26	27	354
• Development:													
1995.....	43	28	39	40	38	55	59	47	32	62	45	32	520
1994.....	34	39	41	42	48	47	40	36	38	42	39	45	491

**Exploratory Wells Drilled on the OCS
1985-95**



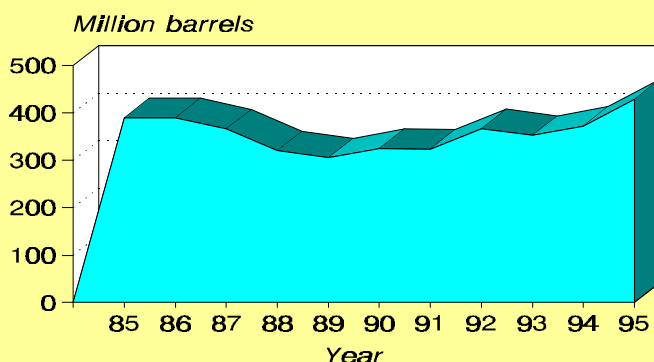
**Development Wells Drilled on the OCS
1985-95**



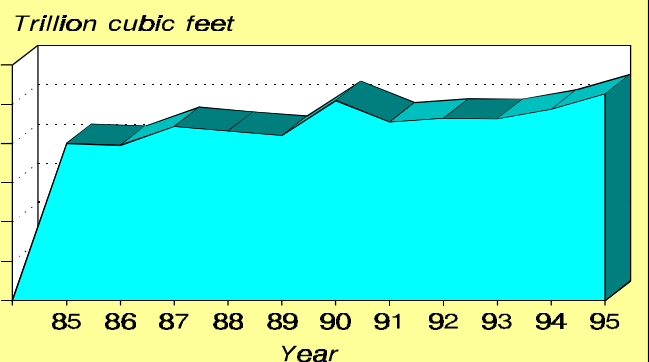
Production [Total volume]

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total
Crude Oil & Condensate Combined (million barrels)													
1995.	56.26	26.83	34.50	34.05	36.46	35.10	35.10	33.28	32.93	32.64	35.64	36.40	429.19
1994.	30.97	27.99	28.88	29.01	30.44	30.33	31.06	31.76	31.59	32.67	32.08	33.60	370.38
Gas Well Gas & Casinghead Gas Combined (billion cubic feet)													
1995.	422.18	371.68	409.39	405.16	424.43	408.42	667.06	384.43	440.91	419.73	445.46	463.90	5,262.75
1994.	419.30	385.76	429.37	414.71	425.68	403.97	410.44	410.57	379.26	386.72	399.78	403.72	4,869.28

**Federal Offshore Crude Oil and
Condensate Production, 1985-95**



**Federal Offshore Natural Gas
Production, 1985-95**

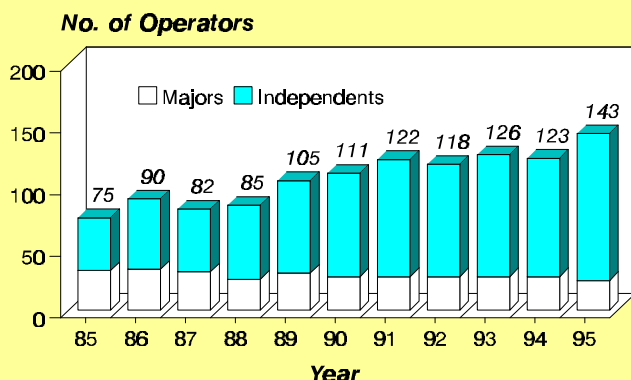


Regional—OCS Quarterly Data

	Alaska		Atlantic		Gulf of Mexico		Pacific		Total	
	Qtr.	YTD	Qtr.	YTD	Qtr.	YTD	Qtr.	YTD	Qtr.	YTD
Prelease Activities:										
G & G Permits Approved	0	0	0	0	27	106	0	0	27	106
Request for Interest	0	0	0	0	0	0	0	0	0	0
Call for Information/Comments	0	0	0	0	2	2	0	0	2	2
Area Identification	0	0	0	0	0	0	0	0	0	0
Draft EIS (Published)	0	0	0	0	0	1	0	0	0	1
Final EIS (Published)	0	0	0	0	1	1	0	0	1	1
Proposed Notice of Sale	0	0	0	0	2	2	0	0	2	2
Notice of Sale	0	0	0	0	1	2	0	0	1	2
Sales	0	0	0	0	1	2	0	0	1	2
Postlease Activities:										
Exploration Plans Approved (Initial*)	0	0	0	0	42	182	0	0	42	182
Exploration Plans Approved (All)	0	0	0	0	64	322	0	0	64	322
Exploration Well Starts	0	0	0	0	76	278	0	0	76	278
Boreholes Plugged & Abandoned	0	0	0	0	58	219	0	0	58	219
APD's Approved	0	0	0	0	150	554	2	15	152	569
Development Plans Approved (Initial*)	0	0	0	0	14	70	0	0	14	70
Development Plans Approved (All)	0	0	0	0	43	248	0	5	43	253
Development Well Starts	0	0	0	0	135	502	4	18	139	520
Platform Installations	0	0	0	0	33	139	0	0	33	139
Platforms—In place	0	0	0	0	3,832	NA	23	NA	3,855	NA
Platform Removals	0	0	0	0	23	77	0	0	23	77
Platform Approvals	0	0	0	0	21	129	0	0	21	129
SOP's Approved	0	0	0	0	42	80	0	0	42	80
Current Status of Prelease & Postlease Activities:										
As of December 31, 1995										
Existing Leases		79		53		** 4920		83		5,135
<200 meters		79		0		3,444		31		3,554
200–400 meters of water		0		0		186		29		215
400–900 meters of water		0		14		324		23		361
>900 meters of water		0		39		960		0		999
Acres under lease (millions)		0.37		0.30		24.07		0.43		25.17
Producing Leases		0		0		** * 1,583		43		1,626
Fields (Total)		0		0		712		38		750
Producing		0		0		662		11		673
Non-Producing		0		0		50		27		77

NA—The YTD column does not apply because the number of platforms in place changes monthly.
 * Does not include reviews of initial plan submittals, required plan revisions, draft plans before they are officially deemed complete, or requests to modify or waive a previously approved plan condition.
 ** Includes 5 sulphur leases and 1 salt lease. *** Includes 3 sulphur leases.

Operators Producing Oil & Gas on the OCS 1985-95

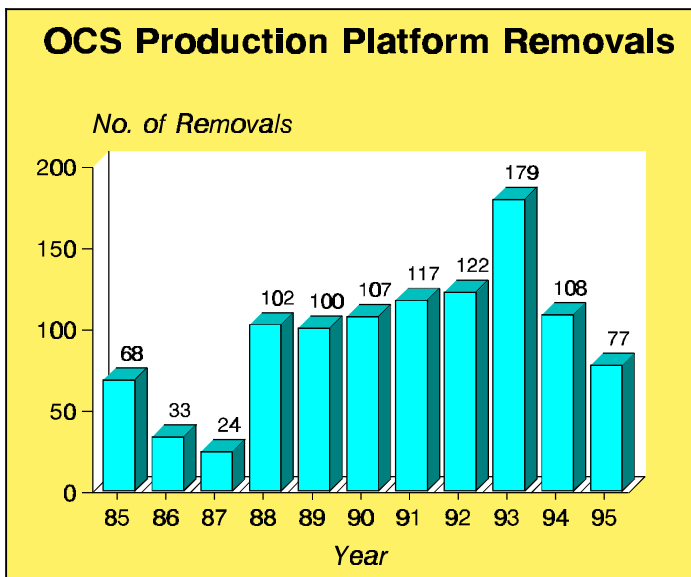
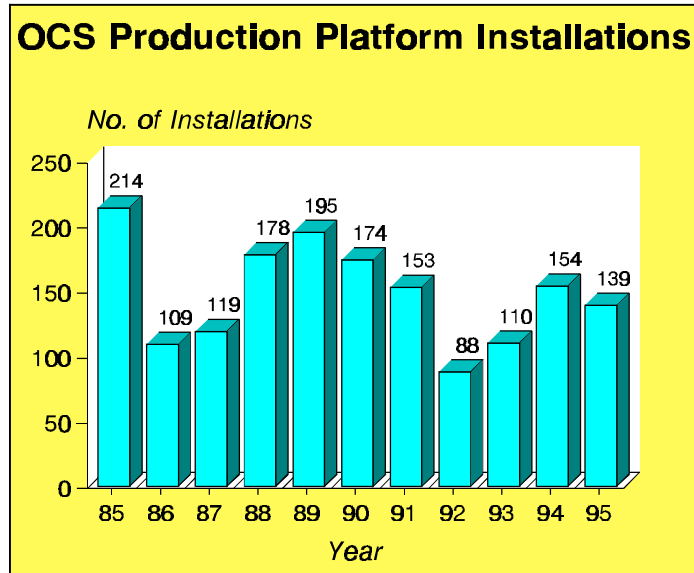
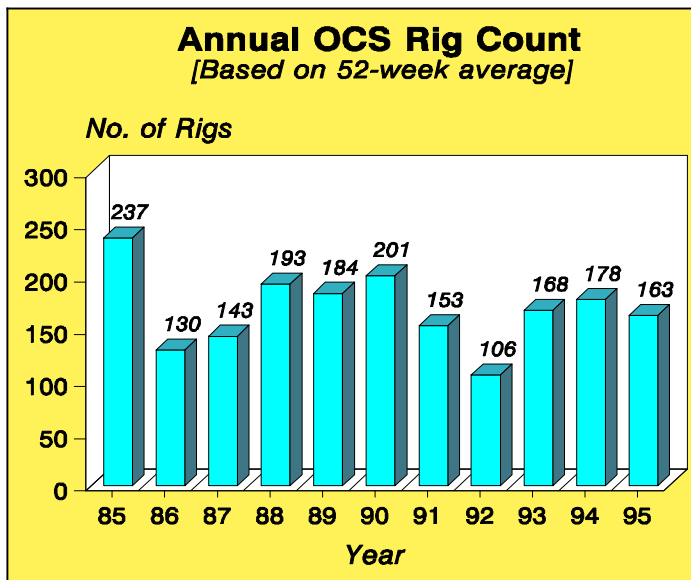


Biggest Gulf Find in 25 Years

With an estimated 700 million barrels of oil and gas, the Mars field (located 130 miles southeast of New Orleans) is the biggest deepwater find in the Gulf of Mexico in 25 years. Shell and BP Exploration have installed a huge tension-leg platform to develop the field. Floating in 2,933 feet of water, the huge production platform is anchored to the seafloor by steel tendons. From ocean floor to derrick top, the Mars platform will be 3,250 feet high, or nearly the height of 12 Superdomes stacked.

Production is scheduled to begin in July. By early 1997, production is expected to climb to about 100,000 barrels of oil and 110 million cubic feet of gas daily. Mars is expected to keep producing for 35 years.

Rigs & Production Platforms



Deepwater Discoveries—GOM

[Asterisk after block number denotes producing discovery]

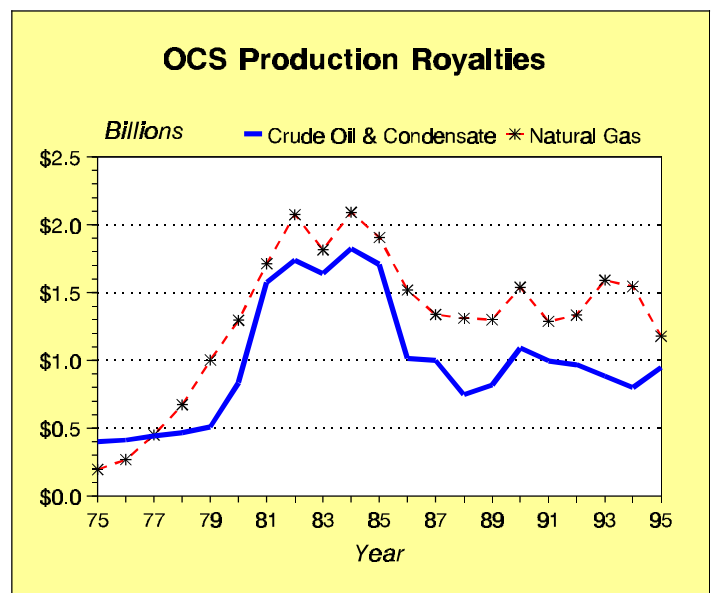
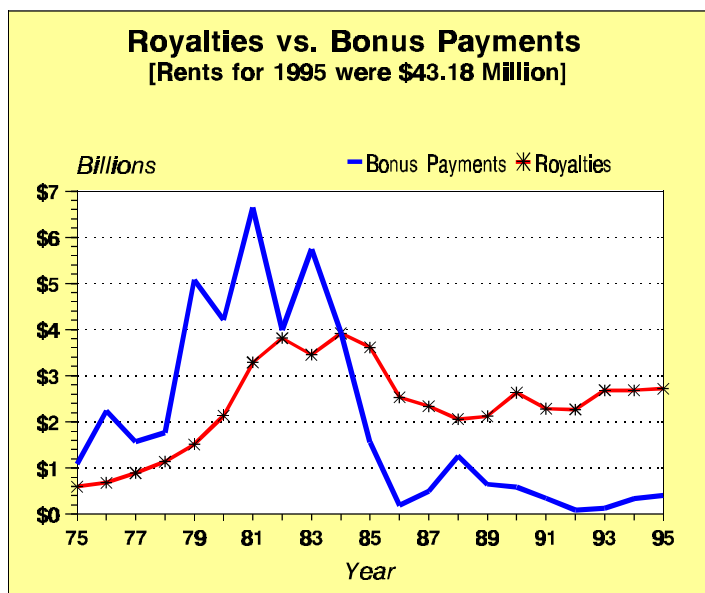
Name	Area	Block	Depth (ft)/(m)	Operator
Coulomb	Mississippi Canyon	657	7520/2292	Shell Offshore
(No prospect name)	Desoto Canyon	133	6530/1990	Amoco
Mensa (SS)	Mississippi Canyon	681	5400/1645	Shell Offshore
Diana	East Banks	945	4645/1416	Exxon
Fuji	Green Canyon	506	4243/1293	Texaco
Ursa	Mississippi Canyon	854	4020/1225	Shell
Vancouver	Green Canyon	472	3780/1152	Shell Offshore
Gemini	Mississippi Canyon	292	3393/1034	Texaco
Allegheny (FPS)	Green Canyon	254	3225/983	Enserch/R&B
Ram Powell (TLP)	Viosca Knoll	956	3218/981	Shell Offshore
Marlin	Viosca Knoll	915	3200/975	Amoco
Auger (TLP)	Garden Banks	426*	2861/872	Shell Offshore
Brutus (SS)	Green Canyon	158	2841/866	Shell
Wasatch	Green Canyon	244	2672/814	BP/Marathon
GC205 (SPAR)	Green Canyon	205	2600/792	Chevron
Mars (TLP) (SS)	Mississippi Canyon	807	2562/781 ^a	Shell
Bison	Green Canyon	116	2518/767	Exxon
Garden Banks 260	Garden Banks	302	2411/735	Conoco
Popeye (SS)	Green Canyon	116*	2160/658	Shell
Cooper	Garden Banks	387-388*	2080/634	EP Operating
(No prospect name)	Mississippi Canyon	445	2080/634	Oryx
Neptune (SPAR)	Viosca Knoll	826	1920/585	Oryx
Pompano II (SS)	Mississippi Canyon	28	1800/549	BP Exploration
Rocky (SS)	Green Canyon	117*	1785/544	Shell
Jolliet (TLP)	Green Canyon	184*	1760/536	Conoco Inc.
Petronius	Viosca Knoll	786	1754/535	Texaco
Thor	Viosca Knoll	825	1710/521	Oryx Energy Co.
(No prospect name)	Green Canyon	72	1654/504	Mobil
Baldpate ¹ (CT)	Garden Banks	260	1650/503	Amerada Hess
(No prospect name)	Mississippi Canyon	441*	1520/463	Ensearch
Klamath	Ewing Bank	921	1500/457	Shell
Tahoe (SS)	Viosca Knoll	783*	1494/455	Shell Offshore
Zinc (SS)	Mississippi Canyon	354*	1460/445	Exxon
Alabaster (FP)	Mississippi Canyon	397*	1390/424	Exxon
Bullwinkle (FP)	Green Canyon	65*	1353/412	Shell
Pompano (FP) (SS)	Viosca Knoll	989-990*	1290/393	BP Exploration
Shasta (SS)	Green Canyon	136*	1045/319	Texaco
Amberjack	Mississippi Canyon	109	1030/314	BP Exploration
Cognac (FP)	Mississippi Canyon	194*	1025/312	Shell
Lena (CT)	Mississippi Canyon	281*	1001/305	Exxon

FP = Fixed Platform **FPS** = Floating Platform System **CT** = Compliant Tower
TLP = Tension Leg Platform **SS** = Subseas System **SPAR** = unit consisting of single point buoy tanker loading and mooring platform with storage tank
 * Producing discovery
^a = depth of subsea well #6
¹ Correction made since last issue (was Antioch in previous issue) as per Amerada Hess

Inspections, Compliance & Training

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total YTD
• Inspections:													
OCS drilling facilities	102	80	104	97	114	156	115	146	101	110	86	56	1,267
OCS production facilities	102	392	274	416	378	437	436	370	403	358	357	295	4,218
Pipeline inspections	123	153	83	119	101	119	177	140	190	134	10	6	1,355
Measurement/Site Security	132	289	228	302	360	448	353	297	278	305	154	114	3,260
Workover/Completion	40	30	41	44	47	70	50	74	48	37	28	21	530
Abandonment	2	5	2	7	4	5	3	11	1	4	2	1	47
Environmental	13	20	24	49	55	63	47	56	37	46	35	21	466
• Compliance:													
Citations (INC's*)	240	268	252	351	519	632	610	484	316	291	230	144	4,337
• Enforcements:													
Component shut-ins	135	128	103	202	250	250	323	195	113	184	110	46	2,039
Drilling facility shut-ins	1	4	6	2	14	8	12	14	11	2	11	5	90
Production facility shut-ins	3	14	4	7	15	17	12	13	8	9	3	2	107
• Training:													
Certified schools	58	53	52	52	52	53	57	57	57	57	57	57	NA
Total certificates issued	2,289	2,279	3,207	2,014	2,270	1,739	1,482	2,167	2,127	2,041	1,901	1,268	24,784
-Driller	872	1,197	1,396	840	926	614	564	807	818	705	647	484	9,870
-Completion/Workover	640	795	827	475	588	448	435	594	678	619	507	367	6,973
-Well servicing	451	457	500	305	338	322	252	448	311	286	441	192	4,303
-Production safety system	326	330	484	394	418	355	231	318	321	431	306	225	4,139
Note: Subpart O lessee training regulations became effective February 15, 1991. NA—Not applicable. *Incidents of Noncompliance.													

OCS Revenue Contributions



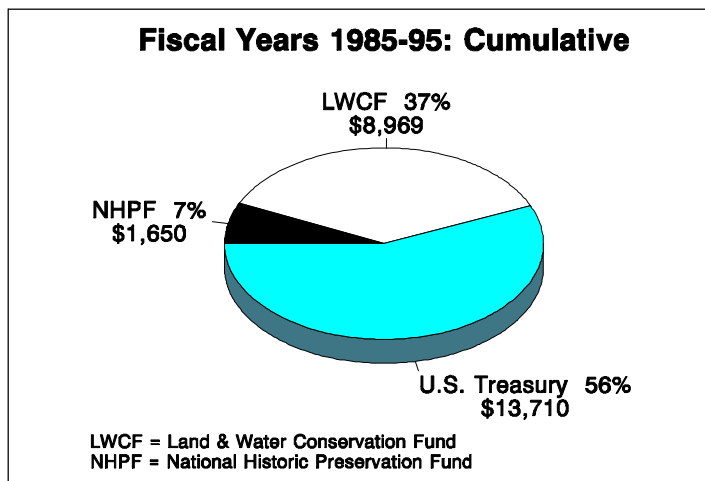
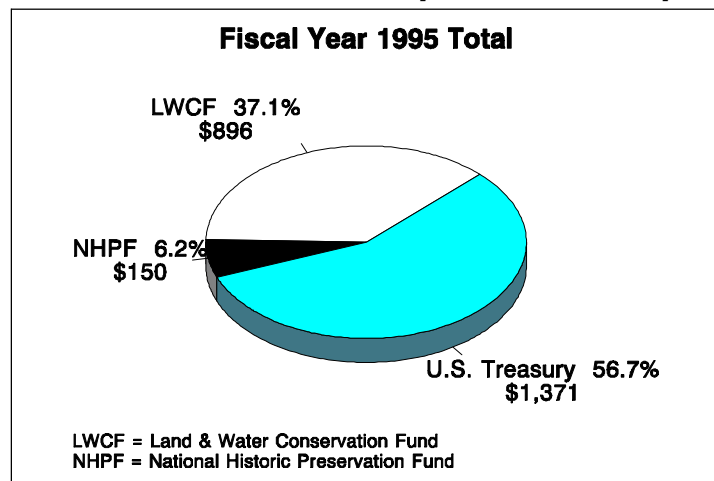
OCS Revenues—Rents & Royalties *[in millions of dollars]*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total
Rental:													
1995.....	.22	.10	.70	6.84	2.11	12.35	2.21	5.37	3.98	4.78	1.86	0	40.53
1994.....	.33	.19	.43	11.97	3.90	6.81	1.79	.97	6.20	1.60	3.60	1.18	38.97
Royalty:													
1995.....	185.28	195.40	160.95	184.56	186.38	208.66	199.09	190.00	172.58	172.85	174.64	0	2,030.39
1994.....	203.48	217.22	200.35	240.93	340.73	199.67	211.37	195.50	215.63	178.39	148.10	188.70	2,540.07

Disbursements—Section 8(g) by State *[in thousands of dollars]*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total
AL:													
1995....	518.04	659.71	583.91	512.27	389.43	552.90	594.99	672.37	567.34	544.84	543.73	463.70	6,603.22
1994....	418.58	2,017.84	703.55	1,380.50	6.06	830.97	713.11	608.57	496.58	662.00	191.92	917.56	8,947.24
• AK:													
1995....	4.98	0.00	0.00	0.00	0.00	0.00	0.00	6.15	0.00	4.98	18.64	0	34.74
1994....	0.00	20.00	0.00	9,393.10	0.00	22.85	1.97	4.58	4.11	0.00	18.64	0.2	9,445.45
• CA:													
1995....	440.25	391.96	446.16	412.22	404.65	487.56	505.77	443.65	293.46	521.09	496.29	219.29	5,062.37
1994....	399.52	253.18	201.85	20,501.00	220.70	314.38	394.88	332.86	494.83	504.98	428.33	402.40	24,448.91
• FL:													
1995....	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0	0	1.10
1994....	10.10	0.00	4.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.21
• LA:													
1995....	634.33	683.67	609.82	808.88	548.43	682.52	728.75	855.23	659.78	719.19	632.66	736.51	8,299.75
1994....	751.84	795.60	703.99	10,225.83	1,692.29	1,383.98	1,018.88	1,064.02	755.33	684.21	664.77	574.41	20,335.15
• MS:													
1995....	0.00	0.00	0.00	9.81	31.08	21.55	9.98	35.64	19.21	26.97	20.74	30.32	205.29
1994....	0.00	0.00	0.00	153.08	15.83	24.88	113.66	119.18	25.30	0.00	0.00	0.00	451.93
TX:													
1995....	549.75	737.18	584.26	723.08	461.11	506.32	704.04	598.27	722.48	1,156.43	1,513.98	757.61	9,014.51
1994....	788.19	904.83	932.90	10,237.19	950.94	873.07	872.03	846.64	661.66	1,122.60	1,312.31	607.18	20,109.54

Other Disbursements *[in millions of dollars]*



MMS Simplifies OCS Civil Penalties Program

MMS is currently amending Part 250 (Subpart N) of Title 30 of the Code of Federal Regulations in an effort to make it easier to assess and collect OCS civil penalties. The proposed regulation will clearly outline, in a question-answer format, the information needed to better understand the OCS civil penalty process. The "rewritten in plain English" regulation will streamline the current process by eliminating several layers of internal review. In addition, the proposed regulation increases the maximum penalty to \$25,000 per day per violation because of inflation. *[The new OPA 90 provisions require the Secretary of the Interior to adjust, at least every 3 years, the maximum civil penalty to reflect any increases in the Consumer Price Index for all-urban consumers as prepared by the Department of Labor.]*

The Department of the Interior determined that this proposed rule

- will not have a significant effect on a substantial number of small entities;
- does not add any new collection requirements;
- does not interfere with constitutionally protected property rights; therefore, a Takings Implication Assessment need not be prepared;
- meets the applicable civil justice reform standards provided in sections 2(a) and 2(b)(2) of E.O. 12778; and
- does not constitute a major Federal action significantly affecting the quality of the human environment; therefore, an Environmental Impact Statement is not required.

An Advance Notice of Proposed Rulemaking is being announced this summer; the Final Rule is expected to be published in 1996.

OCS Civil Penalties Paid in FY95

Case Number	Violation Description and Regulation(s) Violated	Violation Date	Penalty	
			Amount	Date Paid
GOM-94-02. .	SCSSV's leaking, wells returned to production without repair [30 CFR 250.124(a)(1)]	05/30/91; 9/23/91	\$72,100	10/03/94
GOM-94-03. .	Pollution/LSH sensor relay on surge tank pinned out of service [30 CFR 250.123(c)(1) & 250.40(a)]	08/31/93	\$6,500	11/07/94
GOM-94-17. .	No LSH on sump caisson. Violation not corrected within time allowed [30 CFR 250.122(b)]	11/11/93; 12/07/93	\$5,400	05/16/95
GOM-94-14. .	Emergency shut down system by-passed and blocked out of service [30 CFR 250.51(h)]	03/23/93	\$3,000	07/11/95
GOM-94-12. .	Producing well with leaking SSV [30 CFR 250.122(b); 250.20(a) & (b)]	02/03/94	\$3,000	05/18/95
GOM-94-18. .	SSV blocked out of service [30 CFR 250.123(c)(1)]	02/18/94	\$1,000	09/06/95
GOM-94-13. .	SCSSV blocked out of service [30 CFR 250.123(c)(1)]	02/04/94; 02/11/94	\$2,300	05/18/95
GOM-94-20. .	SCSSV and other safety sensors by-passed and pinned out of service [30 CFR 250.123(c)(1); 250.20(a) & (b)]	04/08/94	\$10,000	06/21/95
GOM-94-28. .	SCSSV blocked out of service [30 CFR 250.123(c)(1)]	05/18/94	\$2,400	09/12/95
GOM-94-29. .	Safety sensors by-passed and pinned out of service [30 CFR 250.123(c)(1)]	06/06/94	\$1,500	09/13/95
GOM-94-36. .	By-passing and blocking out of service LSH, PSL, LSH safety devices [30 CFR 250.122(b); 250.123(b)(1)(iii); 250.20(a)&(b)]	07/12/94	\$22,500	09/28/95
PAC-95-01 . .	Pollution/by-passed safety devices [30 CFR 250.123(c)(1); 250.40(a)]	12/17/94	\$3,000	06/09/95

MMS Internet Home Page

Yes. MMS now has a home page on the Internet. Starting with this issue *Offshore Stats* will be available on the MMS worldwide website at <http://www.mms.gov>. In addition to these stats, there will be information about MMS programs, initiatives, and regulatory activities that may be of interest to you.

Historical Firsts—Onshore & Offshore

• First well drilled specifically for oil (Titusville, PA)	1859
• First jack-up drillship patent (Samuel Lewis)	1869
• First over-water well drilled (Summerland, CA)	1896
• First drilling mud used (Spindletop)	1900
• First GOM well drilled (Creole Field)	1938
• First GOM OCS exploratory well drilled	1946
• First offshore lease sale	1954
• Production from water depths exceeding 100 ft.	1955
• World's first drillship (<i>Cuss I</i>) (Santa Barbara Channel)	1956
• First subsea well drilled	1961
• First Pacific OCS exploratory well drilled	1963
• Birth to North Sea oil and gas industry with Ekofisk Field discovery	1969
• World's first offshore concrete gravity base structure (Beryl platform)	1975
• First Alaska OCS exploratory well drilled	1976
• First Atlantic OCS exploratory well drilled	1977
• First fixed platform installed beyond 1,000 ft. water depth	1979
• First artificial island built in the Arctic	1982
• First compliant guy-towered platform (in GOM)	1983
• First oil produced from beneath 2,000 ft. of water	1984
• First horizontal wells drilled offshore	1991
• 3D seismic data acquisition set global trend	1992
• First sub-salt discoveries in the U.S. Gulf	1993

Source: Pennwell Publishing Company

Customer Response Request

Is This Newsletter Beneficial to You?

We really would like to know if you find this newsletter useful. We are trying to cut costs to reduce government spending; however, we do not want to eliminate any information that benefits our customers. Either a phone call, fax, or written notice from you would help us make this determination. To you who have already responded, ***Thank You.***

Phone: 703/787-1028 or 1032

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Address: see below.

* Data in the tables and graphs reflect a cut-off date of December 31, 1995.

MMS Offshore Stats is published four times a year by the Information & Training Branch (ITB) of Operations & Safety Management. Please direct inquiries and comments to Mary Hoover or Joe Levine, Chief, ITB, (703) 787-1032.

Copies are free, upon request, from MMS's Document Distribution Center, 381 Elden St., Herndon, VA 22070-4817; phone (703) 787-1080.

MMS Offshore Stats

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